Best Tools for immunology Research

# CD296 Polyclonal Antibody

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|---|---|
| **Catalog No :** | YT5717 |
| **Reactivity :** | Human;Mouse;Rat |
| **Applications :** | WB;ELISA |
| **Target :** | CD296 |
| **Gene Name :** | ART1 |
| **Protein Name :** | GPI-linked NAD(P)(+)--arginine ADP-ribosyltransferase 1 |
| **Human Gene Id :** | 417 |
| **Human Swiss Prot No :** | P52961 |
| **Mouse Gene Id :** | 11870 |
| **Mouse Swiss Prot No :** | Q60935 |
| **Immunogen :** | The antiserum was produced against synthesized peptide derived from the Internal region of human ART1. AA range:51-100 |
| **Specificity :** | CD296 Polyclonal Antibody detects endogenous levels of CD296 protein. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications. |
| **Purification :** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |

**Observed Band :** 37kD

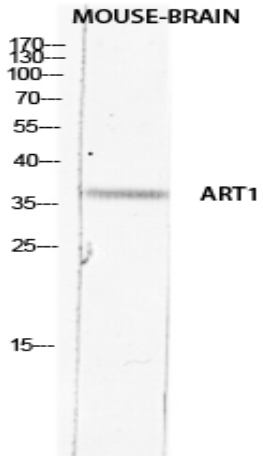
**Background :** ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins. Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of E. coli. The amino acid sequence consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins. This gene was previously designated ART2. [provided by RefSeq, Jul 2008],

**Function :** catalytic activity:NAD(+) + protein-L-arginine = nicotinamide + N(omega)-(ADP-D-ribosyl)-protein-L-arginine.,catalytic activity:NADP(+) + protein-L-arginine = nicotinamide + N(omega)-((2'-phospho-ADP)-D-ribosyl)-protein-L-arginine.,similarity:Belongs to the Arg-specific ADP-ribosyltransferase family.,

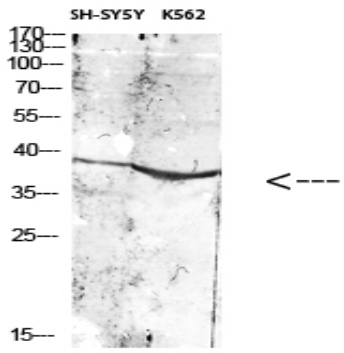
**Subcellular Location :** Sarcoplasmic reticulum membrane; Lipid-anchor, GPI-anchor.

**Expression :** Skeletal muscle,

## Products Images




Western blot analysis of MOUSE-BRAIN lysis using ART1 antibody. Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000




Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000